



## EMPLOYMENT OPPORTUNITY

# Pump Maintenance Technician

Recruitment Number: 05-112

Salary: \$3583.12-\$4355.30 / Monthly

Filing Deadline: 5 PM, MONDAY, JUNE 13, 2005

### POSITION SUMMARY

Under the direction of the Public Works Supervising Pump Mechanic, this position will perform a variety of skilled pump operation, repair and maintenance work related to wastewater lift stations, municipal swimming pools, public display foundations, aquarium pump equipment and their related electrical control centers; and to perform related work as assigned. This position will work a 40-hour week from 7:00 a.m. to 3:30 p.m. The incumbent must have the ability to work overtime and be on standby as deemed necessary for this position. This position will be assigned to work out of the Public Works Facility located at 1800 Maxwell Drive in Chula Vista.

### ESSENTIAL FUNCTIONS

Functions may include, but are not limited to, the following: inspect, operate, maintain and repair wastewater lift station facilities including pump motors, diesel generators, motor control centers, natural gas engines, piping, wiring, switches, and valves; operate, maintain, and repair public display fountains and municipal swimming pool systems including circulation, filtration, chemical feed, water heating, solar heating system and associated electrical systems; maintain and repair seawater circulation, filtration, ozonation systems and related electrical systems; inspect and adjust equipment; clean and lubricate as necessary; troubleshoots and repairs operating problems; rebuild and modify equipment as necessary; perform routine chemical tests, evaluate results and adjusts chemical accordingly; install, monitor and remove sewer flow recorder as requested; read and interpret plans, blueprints, schematics, manuals and specifications; use and maintains a wide variety of hand, power and shop tools and test equipment related to the work; observe safe work methods and safety precaution related to the work; utilize appropriate safety equipment in working around hazardous chemicals, gases and raw sewage; ensure proper storage of chemicals; work underground in confined spaces to remove obstructions or make repairs; perform routine carpentry and painting work on equipment and facilities and incidental landscape maintenance duties; respond to emergency situations in off-hours as required; keep work related records using a computer; operate City vehicles with attachments skillfully and safely; in the absence of the supervisor, assume responsibilities as needed; build and maintain positive working relationships with co-workers, other City employees and the public using principles of good customer services; and perform other related duties as assigned.

### MINIMUM QUALIFICATIONS

**Education, Training and Experience:** Any combination of education and experience equivalent to the completion of the twelfth grade and three years of responsible experience in either work involving pump maintenance operation and repair or as an electrician. **License:** Possession of a valid California Driver's license. Possession of Hazwopper certification, or ability to obtain one prior to the end of probation. Certified Pool Operator (CPO) certification is desirable. Experience with Supervisory Control and Data Acquisition (SCADA) systems is highly desirable.

### Knowledge, Skills and Abilities:

**Knowledge of:** methods, practices, materials, tools and equipment used in the operation adjustment, maintenance and repair of mechanical equipment common to pumping stations and swimming pools; use and maintenance of a wide variety of hand, power and shop tools, test equipment and other equipment related to the work; rigging principles and techniques; mathematical computations used in the area of assignment; pertinent rules, laws, and policies related to area of assignment; practices and procedures of traffic control and flagging; safe work methods and safety regulations pertaining to work assignment, including precautions in handling and storing chlorine, acids and other chemicals and the use of personal protective equipment; computer equipment and software applications related to assignment and English usage, spelling, grammar, and punctuation. **Ability to:** read and interpret mechanical drawings, plans, schematics, and specifications; use proper engineering practices to make as-built mechanical and electrical drawings sketches; estimates labor and materials for proposed work; diagnose and repair defects in a variety of mechanical equipment common to wastewater lift stations; municipal pools, public display fountains, and aquarium pump equipment; analyze difficult maintenance and operational problems; troubleshoot and repair basic electrical problems; work around and with power and lighting circuits, switches and fuse panels, 120/208 VAC and 277/480 VAC; use and operate tools and equipment related to assignment, including personal protective equipment; keep work related records and prepare reports using a computer; work

effectively at remote locations without direct supervision; operate City vehicles observing legal and defensive driving practices; follow oral instruction; read, interpret, follow and explain written instructions, construction sketches and equipment manuals; use initiative and sound independent judgment within established guidelines; communicate clearly and concisely, both orally and in writing; work overtime and off-hours shifts when necessary or directed; established and maintain effective working relationships with those contacted in the course of work; and work with various cultural and ethnic groups in a tactful and effective manner;

### ***PHYSICAL DEMANDS***

On a continuous basis, sit, stand, bend, climb ladders (up to 30 feet), stoop, kneel, crouch, crawl and twist for varying periods in the course of work; write and use keyboard to communicate through written means; lift or carry objects weighing up to 100 pounds with assistance.

### ***APPLICATION PROCESS***

Candidates whose applications indicate education and experience most directly related to the position will be invited to participate in the selection process. All notifications will be sent via standard US mail.

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The City contributes 8% to the Public Employees Retirement System (PERS) for the employee. Positions that are represented by the Chula Vista Employees Association will have a 1.92% salary deduction that coincides with the Work Furlough Program. Employees will accrue up to 40 furlough hours between their hire date and June 30, 2005

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Human Resources • City of Chula Vista • 276 Fourth Avenue • Chula Vista, CA 91910 • (619) 691-5096  
Hours: 8 AM – 5 PM Monday - Friday • [www.chulavistaca.gov](http://www.chulavistaca.gov) • **Job Hotline: (619) 691-5095**

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